

City transport system improvement through the use of simulation modeling system

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Abstract

© Research India Publications. The article considers the possibility of reliability and safety increase for the transportation system of the city through the use of simulation models to justify the selection of rational schemes of traffic and change the road network configuration change. It is shown that a complex solution of such problems contributes to the sustainable development concept of the city transport system.

Keywords

City transport system, Road network section, Simulation modeling, Traffic light regulation phases, Traffic safety